Name Class

Teacher Date



***Common Core***

***Learning Standards***

*6.EE.3*

*6.EE.2a*

*6.EE.2b*



You and some friends are going to a movie. You’re not sure exactly how many friends are going yet but would like an idea of how much money you’re going to spend.

*A Metrocard for the subway costs $2.25.*

*The movie will cost $11 a ticket.*

*A medium soda costs $4.*

*A large popcorn costs $5.*

Write an expression to show the total cost of MetroCards. Let n represent the number of friends taking the subway.

Write an expression to show the cost of soda and popcorn for your group of friends. Let n represent the number of people going.

Use the distributive property to evaluate the expression above.

Answer:

Two of your friends are getting a ride from a parent so they don’t need metro cards. Instead, they want to buy a movie ticket and candy. The expression below shows this situation. Factor the expression to demonstrate the distributive property. Let c represent the price of a box of candy.

**22 + 2c**

Answer:

At the last second, you and your friends decide to go to a different theater. However, you don’t know the prices at this theater. You only know that the movie tickets cost $10 per person.

The following expression shows the cost of two sodas, one popcorn, and one movie ticket.

**2s + p + 10**

What is the mathematical term for the 10?

What is the mathematical term for the p?

What is the mathematical term for the +?

What is the mathematical term for the 2?